

**AMENDMENTS TO THE CLAIMS**

Claims 1-22 (Canceled)

Claim 23 (Currently Amended): A method for preventing or treating male erectile dysfunction, which method comprises administering to a mammal to whom such prevention or treatment is needed or desirable, an effective amount of brain-derived neurotrophic factor (BDNF), wherein said BDNF is administered by intracavernous injection, thereby preventing or treating said male erectile dysfunction in said mammal.

Claim 24 (Previously presented): The method of claim 23, wherein the mammal is a human and the BDNF is of human origin.

Claim 25 (Canceled)

Claim 26 (Previously presented): The method of claim 23, wherein the BDNF is administered via a liposome.

Claim 27 (Previously presented): The method of claim 23, wherein the male erectile dysfunction is erectile dysfunction induced by or secondary to nerve dysfunction, arterial insufficiency, venous leakage, hormonal insufficiency, drug use, surgery, chemotherapy or radiation.

Claims 28-31 (Canceled)

Claim 32 (Previously presented): The method of claim 23, wherein the BDNF is administered at about 10-200 mcg/70 Kg body weight about once every two to six months.

Claim 33 (Previously presented): The method of claim 23, further comprising administering an effective amount of vascular endothelial growth factor (VEGF) or a functional derivative or fragment thereof.